

Application No.: 10/691,563

Docket No.: 17957-US-PA
Customer No.: 31561AMENDMENTSIn The Claims:

Claim 1 (currently amended) An electrode substrate of an organic electroluminescent panel, comprising:

a substrate;

a first electrode disposed on the substrate; and

a pixel-defining layer defining a plurality of pixel areas configured either on the substrate or on the first electrode, the pixel-defining layer comprising at least one sidewall substantially perpendicular to the substrate, the at least one sidewall having a pattern comprising a plurality of strips, wherein the strips are configured substantially parallel with the substrate with waved sidewalls disposed on the first electrode or on the substrate.

Claim 2 (original) The electrode substrate of claim 1, wherein the substrate is at least one selected from the group consisting of a glass substrate, a plastic substrate, and a flexible substrate.

Claim 3 (original) The electrode substrate of claim 1, wherein the first electrode is a conductive metal oxide electrode.

Claim 4 (original) The electrode substrate of claim 1, wherein the first electrode is at least one selected from the group consisting of an indium-tin oxide (ITO) electrode and an aluminum-zinc oxide (AZO) electrode.

Claim 5 (original) The electrode substrate of claim 1, wherein the pixel-defining layer is made of a non-conductive material.

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Claim 6 (original) The electrode substrate of claim 5, wherein the pixel-defining layer is a photoresist.

Claim 7 (original) The electrode substrate of claim 6, wherein the photoresist is photosensitive polyimide.

Claim 8 (original) The electrode substrate of claim 6, wherein the photoresist is photosensitive diazonaphtho-quinone-phenolic resin.

Claim 9 (canceled)

Claim 10 (canceled)

Claim 11 (canceled)

Claim 12 (canceled)

Claim 13 (canceled)

Claim 14 (canceled)

Claim 15 (canceled)

Claim 16 (canceled)

Claim 17 (currently amended) An organic electroluminescent panel, comprising:

a substrate;

a first electrode formed on the substrate;

a pixel-defining layer a pixel-defining layer defining a plurality of pixel areas configured either on the substrate or on the first electrode, the pixel-defining layer comprising at least one sidewall substantially perpendicular to the substrate, the at least

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~~one sidewall having a pattern comprising a plurality of strips, wherein the strips are configured substantially parallel with the substrate with waved sidewalls disposed on the first electrode or on the substrate;~~

an organic functional layer disposed on the first electrode; and

a second electrode disposed on the organic functional layer.

Claim 18 (original) The organic electroluminescent panel of claim 17, wherein the pixel-defining layer is non-conductive.

Claim 19 (original) The organic electroluminescent panel of claim 18, wherein the pixel-defining layer is a photoresist.

Claim 20 (original) The organic electroluminescent panel of claim 19, wherein the photoresist is photosensitive polyimide.

Claim 21 (original) The organic electroluminescent panel of claim 19, wherein the photoresist is photosensitive diazonaphtho-quinone-phenolic resin.

Claim 22 (new) An electrode substrate of an organic electroluminescent panel, comprising:

a substrate;

a first electrode disposed on the substrate; and

a pixel-defining layer defining a plurality of pixel areas configured either on the substrate or on the first electrode, the pixel-defining layer comprising at least one sidewall substantially perpendicular to the substrate, the at least one sidewall having a pattern comprising a plurality of dot protrusions irregularly distributed thereon.

Claim 23 (new) An organic electroluminescent panel comprising:

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a substrate;

a first electrode formed on the substrate;

a pixel-defining layer defining a plurality of pixel areas configured either on the substrate or on the first electrode, the pixel-defining layer comprising at least one sidewall substantially perpendicular to the substrate, the at least one sidewall having a pattern comprising a plurality of dot protrusions irregularly distributed thereon;

an organic functional layer disposed on the first electrode; and

a second electrode disposed on the organic functional layer.